

Title (en)  
MEDICAMENT DELIVERY DEVICE

Title (de)  
 MEDIKAMENTENABGABEVORRICHTUNG

Title (fr)  
DISPOSITIF D'ADMINISTRATION DE MEDICAMENTS

Publication  
**EP 0850076 B1 20050406 (EN)**

Application  
**EP 96931955 A 19960830**

Priority  
• IE 9600059 W 19960830  
• IE 950702 A 19950911  
• US 367395 P 19950911

Abstract (en)  
[origin: WO9710012A1] A medicament delivery device (10) has a reservoir within a housing (11) and means for driving medicament from the reservoir. The device is provided with a filling mechanism upon which a medicament container (19) sealed by a penetrable stopper (25) is mounted. The mechanism comprises an internal bore (20) which accommodates an internal rod (21) from which a needle (22) projects. Needle (22) is hollow and is in communication with the reservoir. In order to fill the reservoir, the container (19) is pressed into the bore (20), causing the needle (22) to pierce the stopper (25), the stopper abutting against the rod (21) and acting as a piston to drive medicament from the container (19) as the container (19) is pushed into the bore (20) and moves relative to the stopper (25). Thus, the reservoir can be filled with the sterile medicament which is stable when stored in the container (19), and the filling is easily accomplished without the use of a syringe. A further advantageous feature is provided by a delivery needle which is mounted on the periphery of the lower surface of the housing. This configuration allows the driving means to be located adjacent to the skin, thereby, providing a more stable temperature and more predictable operation of the device.

IPC 1-7  
**A61M 5/142**

IPC 8 full level  
**A61M 37/00** (2006.01); **A61M 5/145** (2006.01); **A61M 5/142** (2006.01)

CPC (source: EP KR)  
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Cited by  
CN102753212A; US9675752B2; US10987243B2; US9919097B2; US10420881B2; US10531977B2; US11786392B2; US11819443B2; WO2019120453A1; US11547595B2; US11612509B2; US11612512B2; US11737907B2

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**WO 9710012 A1 19970320**; AT E292484 T1 20050415; AU 7093496 A 19970401; AU 716445 B2 20000224; CA 2231542 A1 19970320; EP 0850076 A1 19980701; EP 0850076 B1 20050406; JP 2001512992 A 20010828; KR 19990044546 A 19990625; MX 9801895 A 19980531; NO 980963 D0 19980305; NO 980963 L 19980507; NZ 318852 A 19981028; TW 380054 B 20000121

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